

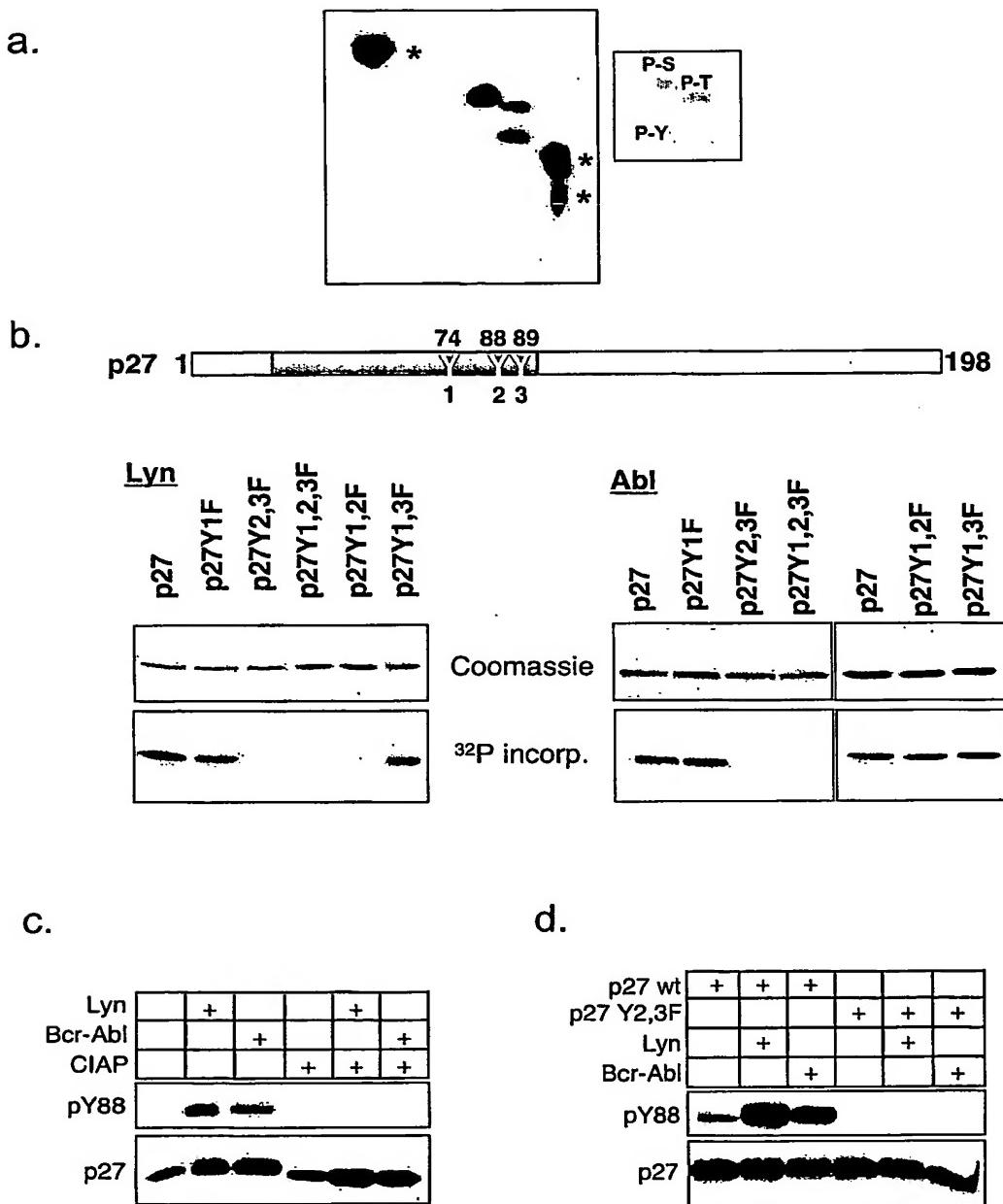
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Figure 1

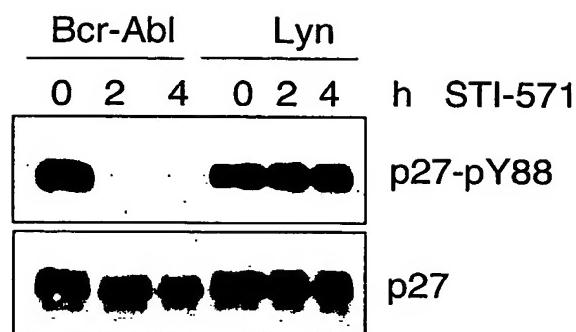
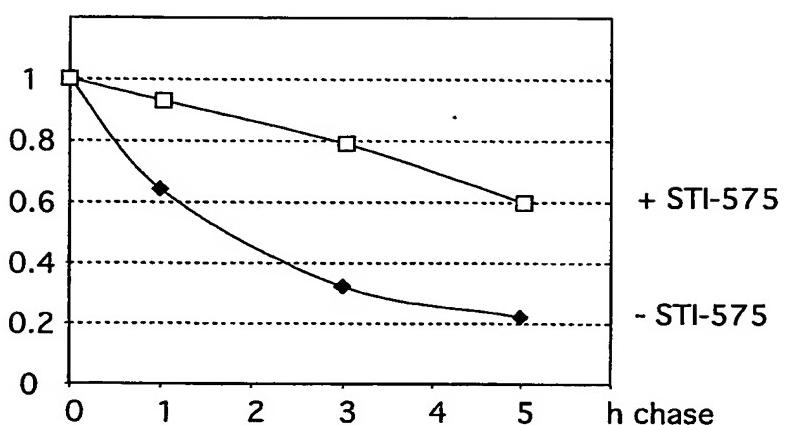
		10	20	30	40	
p27 protein	1	MSNVRVSNGSPSLERMDARQAEHP	--KPSACRNLFGPVDHEELTRD	--L		
p57 protein	1	MSDASLRSTSTMERLVARGTFPV	LVRTSACRSILFGPVDHEELSRE	--L		
p21 protein	1	MS-----EPAGDVRQNPC	--GSKACRRLFGPVDSEQLRRDCDAL			
		50	60	70	80	90
p27 protein	46	EKHCRDMEEASQRKWNFDFQNHKP	LEG--KYEWQEVEKGSLPEFYRPPR			
p57 protein	47	QARLAELNAEDQNRWDYDFQQDMPL	RGPGRLOQWTEVDSDSVPAFY	--RET		
p21 protein	38	MAGC--IQEARER-WNFDFVTETP	LEG--DFAWERVRLGLPKLYL-PTG			
		100			110	120
p27 protein	94	PPKGACKV-----PAQES	--QDVSGSRPAAPLIGA			
p57 protein	95	VQVGRCRLLLAPRPVAVAVAV	SPPLEPAAESLDGLEEAPEQLP	SVVPVPAP		
p21 protein	82	PRRG-----R	--DELGGGRRP-----			
		130	140	150		
p27 protein	122	PANSEDTHLVDPKTDPSDSQ	TGLAEQCAGI-----			
p57 protein	145	ASTPPPVPVLAPAPAPAPAP	VAAAPVAAPVAVAVLAPAPAP	PAPAPAPAPAPAPAP		
p21 protein	96	---GTSPALLQGTAE	--EDHVDSLCTLV-----			
		160	170			
p27 protein	152	-----RKRPATDDSSTQNKR	ANRTEENVSDG-----			
p57 protein	195	VAAPAPAPAPAPAPAPAPAP	DAAPQESAEQGANQGQRGQE	PLADQLHS		
p21 protein	121	-----P-RSGEQAE	GSPGGPGDSQGRKRRQT-----			
		180	190			
p27 protein	178	-----SPNAGSVEQTPKKPGL	-----			
p57 protein	245	GISGRPAAGTAAASANGAA	IKLGPLISDFFAKRKRS	APEKSSGDVPAP		
p21 protein	146	-----P-RSGEQAE	GSPGGPGDSQGRKRRQT-----			
p27 protein	194	-----RRRQT				
p57 protein	295	CPSPSAAPGVGSVEQTPRKRLR				
p21 protein	160	-----SKRKP				

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Figure 2



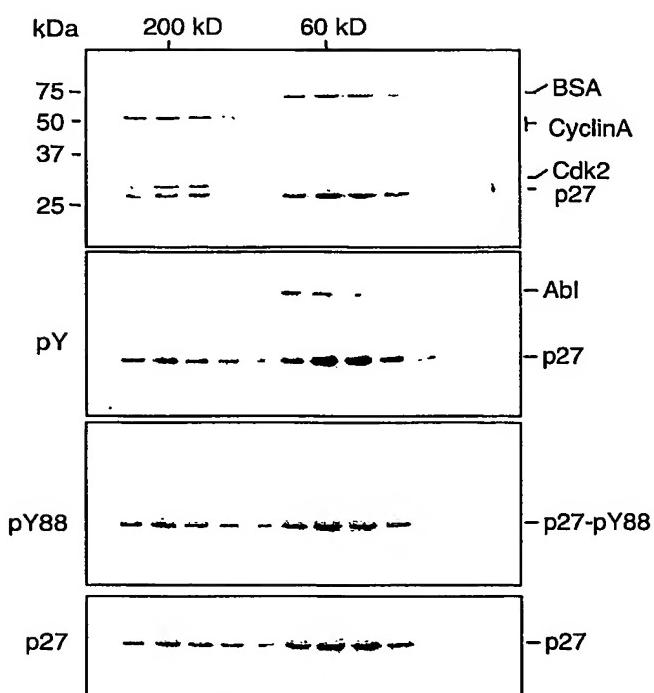
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Figure 3**a.****b.****c.****d.**

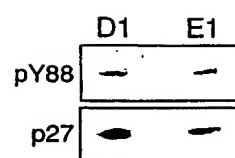
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Figure 4

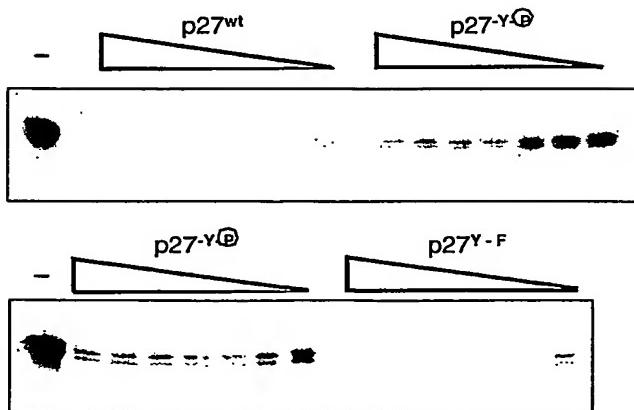
a.



b.



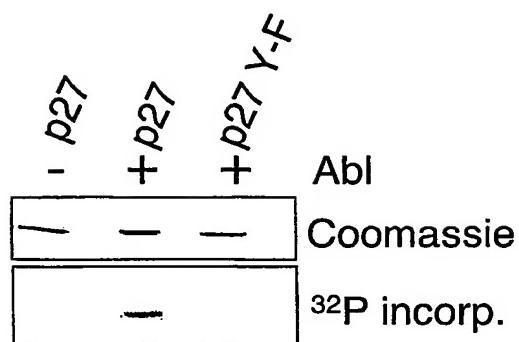
c.



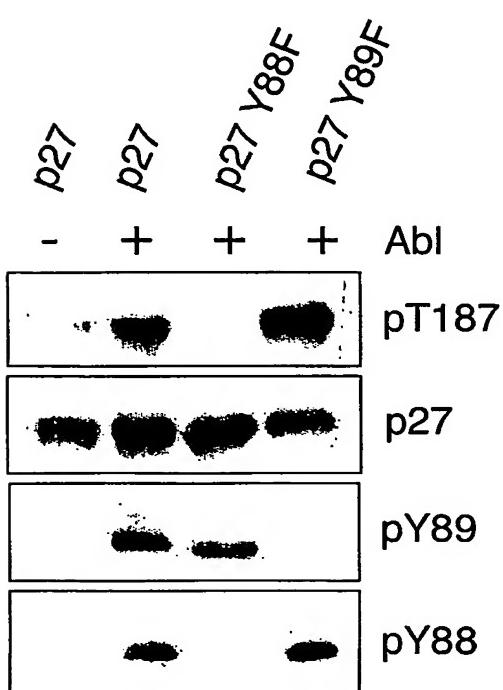
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Figure 5

a.



b.



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Fig. 6:**A**

1a 2a 1b 2b

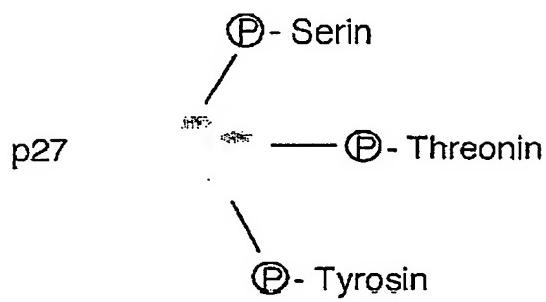
Radiogramm

**C**

- p27
- p21

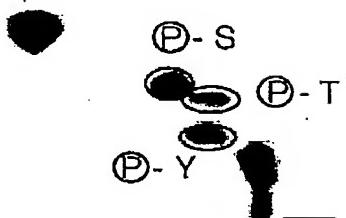
B

Ninhydrinanfärbung des Aminosäurestandards

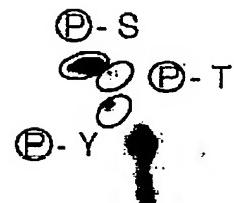


Radiogramm

freies Phosphat

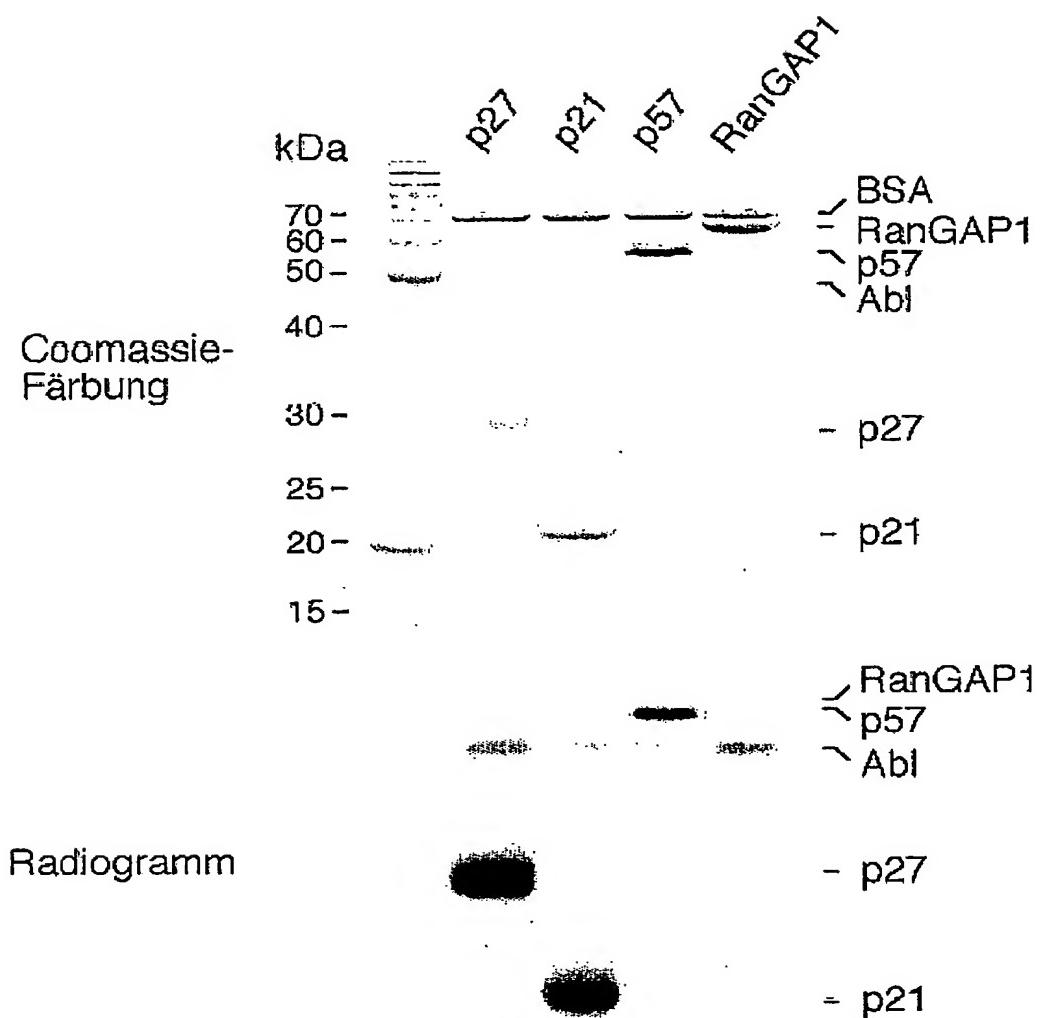


nicht hydrolysiertes Protein und Peptide



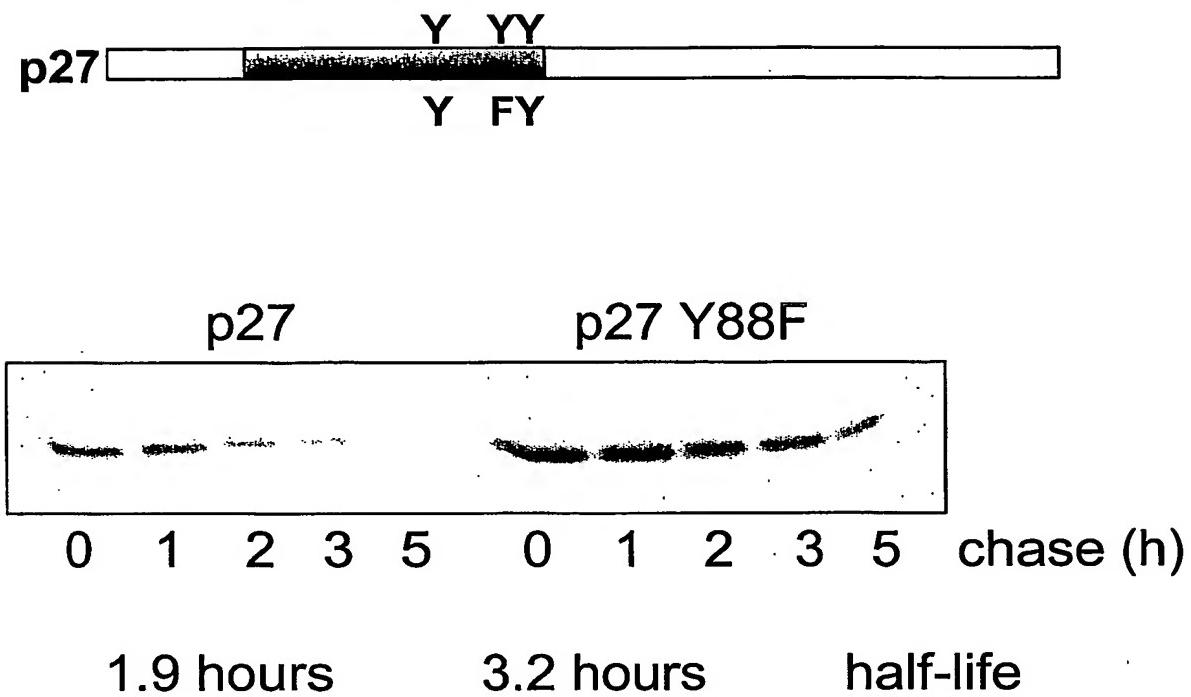
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Fig. 7:



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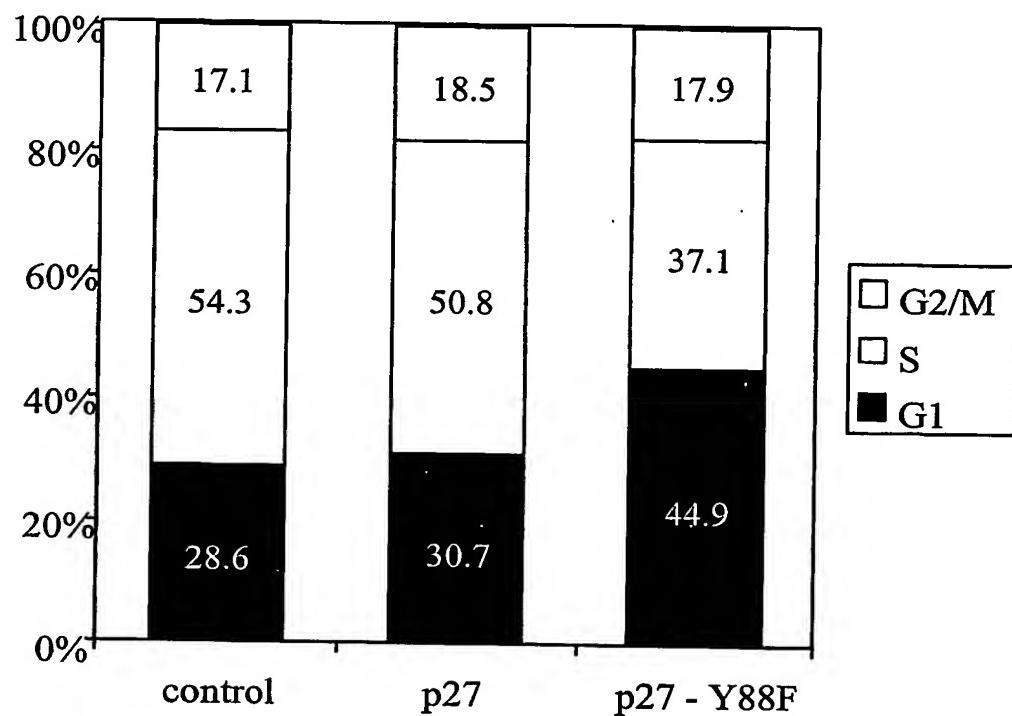
Fig. 8



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Fig. 9

Only p27 Y88F arrests K562 CML cells



Cells with similar GFP expression were isolated and analysed